

TECHSPEC[®] 12.7mm Dia., 266nm T, 532 & 1064nm R 45° Harmonic Separator



TECHSPEC Nd:YAG Harmonic Separators

Stock #11-547 10 TO 12 DAYS

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1

+

₹22,620.00

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Qty 1-5
₹22,620.00
Qty 6+
₹20,358.00
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Angle of Incidence (°):
45

Clear Aperture (%):
>90

Coating Specification:
Surface 1: R_{abs}: >99% @ 532nm, R_{abs}: >99% @ 1064nm, T_{abs}: >70% @ 266nm
Surface 2: R_{abs}: <1.0% @ 266nm

Construction: Dichroic
Diameter (mm): 12.70 +0.00/-0.10
Parallelism (arcmin): <3
Reflection Wavelength (nm): 532, 1064
Substrate: ☐ Fused Silica (Corning 7980)
Surface Flatness (P-V): λ/10
Surface Quality: 10-5
Thickness (mm): 6.35 ±0.20
Transmission Wavelength (nm): 266
Type: Harmonic Beamsplitter
Damage Threshold, By Design: ☐ Surface 1: 1 J/cm ² @ 266nm, 20ns, 20Hz 5 J/cm ² @ 532nm, 20ns, 20Hz 7.5 J/cm ² @ 1064nm, 20ns, 20Hz Surface 2: 1 J/cm ² @ 20ns, 20Hz @ 266nm

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View